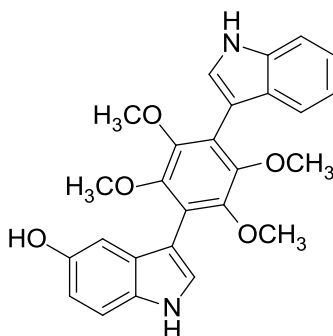


## Petromurin C

Code No.: **BIA-P1648**

Pack sizes: **0.5 mg, 2.5 mg**



Synonyms :

## Specifications

CAS #	: 194608-29-2
Molecular Formula	: C <sub>26</sub> H <sub>24</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight	: 444.5
Source	: <i>Aspergillus</i> sp.
Appearance	: Beige solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

## Application Notes

Petromurin C was isolated as a component of a complex of bis-indolyl benzenoids from *Petromyces muricatus* (*Aspergillus muricatus*) by researchers at Hoshi University, Japan in 1997. Petromurin C is a 5-hydroxyindolyl analogue of asterriquinol D dimethylether and together with the other petromurins A, B and D, comprises a highly distinctive chemotaxonomic profile that typifies *A. muricatus*. Petromurin C exhibits weak antitumor activity but has not been extensively investigated to date.

## References

1. Bisindolylbenzenoids from ascotromata of *Petromyces muricatus*. Ooike M. et al., *Can. J. Chem.* 1997, 75, 625.
2. Kumbicins A–D: bis-indolyl benzenoids and benzoquinones from an Australian soil fungus, *Aspergillus kumbius*. Lacey H.J. et al., *Aust. J. Chem.* 2016, 69, 152.